

Form PTO-1449 (Rev. 8-88)		U.S. Department of Commerce Patent and Trademark Office		Attorney Docket No. 78746		Serial No. 09/515,118	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				Applicant Wachtfogel et al			
				Filing Date February 24, 2000		Group No. 2713	
U.S. PATENT DOCUMENTS							
Examiner Initial*		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
HT		4,080,626	03/1978	Hurst et al.			
		4,272,787	06/1981	Michael et al.			
		4,488,179	12/1984	Kruger et al.			
		4,706,121	11/1987	Young			
		4,768,095	08/1988	Wada et al.			
		4,774,582	09/1988	Hakamada et al.			
		4,777,531	10/1988	Hakamada et al.			
		4,924,732	05/1990	Hoskins et al.			
HT		5,038,211	09/1991	Hallenbeck			
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation Yes No
HT		2210526	06/1989	GB			
HT		96/33579	10/1996	WO			
HT		96/37058	11/1996	WO			
HT		97/27705	07/1997	WO			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
HT	Gilbert et al., <i>The Role of Intelligent Agents in the Information Infrastructure</i> www.raleigh.ibm.com/iagptc2.html						
	John Maissel, <i>Double Agent Infopack: A Collection of Papers Relating to Phillip's Double Agent System</i> , May 1998						
HT	Karin Petersen, <i>Tcl/Tk for a Personal Digital Assistant</i> , October 1994, Usenix, Very High Languages, Symposium Proceedings Mexico, pp41-55,						
	The Digital Audio-Visual Council, Bethesda, <i>Applications for Home Storage Based Systems</i> , May 11-13 1998, Source: Applications TC						
HT	Gessler et al., <i>PDAS as Mobile WWW Browsers, 1995, Computer Networks and ISDN Systems</i> , Vol. 28, pp53-59						
	Matsukura et al., <i>Multimedia Notebook: Information Capturing Technologies for Portable Computers</i> , October 1995, IEICE Trans Commun., Vol. E78-B. NO. 10, pp.1381-1385						
Examiner		/Hai Tran/ (08/07/2006)		Date Considered		08/07/2006	
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HT		5,046,093	09/1991	Wachob			
		5,189,517	02/1993	Ohara			
		5,191,423	03/1993	Yoshida			
		5,323,240	06/1994	Amano et al.			
		5,390,027	02/1995	Henmi et al.			
		5,396,545	03/1975	Nair et al.			
		5,410,326	04/1995	Goldstein			
HT		5,410,344	04/1995	Graves et al.			
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation Yes No
HT		97/29592	08/1997	WO			
		97/48230	12/1997	WO			
		97/50250	12/1997	WO			
		98/16062	04/1998	WO			
HT		99/03275	01/1999	WO			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
HT	HT	Kato et al., <i>A Portable Communication Terminal for Novices and its User Interface Software</i> , October 1995, IEICE Trans Commun., Vol. E78-B. NO. 10, pp.1387-1393					
	HT	Angus et al., <i>Embedding the Second Interaction Metaphor in a Real 3D Virtual Environment</i> , 1995, SPIE Vol. 2409 pp. 282-293					
HT	HT	Fah-Chun Cheong, <i>Internet Agents: Spiders, Wanderers, Brokers, 'Bots</i> , 1996, pp. 4-35, 387-390					
	HT	EJ Persoon, <i>Smash- A Concept for Advanced Use of Storage in the Home</i> , XP-002117666					
HT	HT	MP Ceccarelli, <i>Metadata for Broadcasting</i> , February 1998, MPEG-7 Workshop ACM9, Brussels					
	HT	IBM Corporation Home Page, <i>Intelligent Agents</i> , www.raleigh.ibm.com/iag/iaghome.html					
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HT	5,436,676	07/1995	Pint et al.				
	5,444,499	08/1995	Saitoh				
	5,446,488	09/1995	Vogel				
	5,465,113	11/1995	Gilboy				
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	5,483,278	01/1996	Strubbe et al.				
	5,488,571	01/1996	Jacobs et al.				
	5,515,106	05/1996	Chaney et al.				
HT	5,517,187	05/1996	Bruwer et al.				

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Examiner Initial*	Document Number	Date	Country	Class	Subclass	Translation		
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HT	99/03275	01/1999	WO					
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
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Examiner /Hai Tran/ (08/07/2006)	Date Considered 08/07/2006
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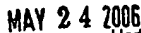
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Examiner Initial*		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
HT		5,566,069	10/1996	Clark, Jr. et al.			
		5,583,560	12/1996	Florin et al.			
		5,585,865	12/1996	Amano et al.			
		5,585,858	12/1996	Harper et al			
		5,619,250	04/1997	McClellan et al.			
		5,619,251	04/1997	Kuroiwa et al.			
		5,621,473	04/1997	Hill			
		5,621,456	04/1997	Florin et al.			
HT		5,623,690	04/1997	Palmer et al.			
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		Document Number	Date	Country	Class	Subclass	Translation Yes No
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HT		5,629,733	05/1997	Youman et al.			
		5,635,978	06/1997	Alten et al.			
		5,635,989	06/1997	Rothmuller			
		5,654,747	08/1997	Ottesen et al.			
		5,657,072	08/1997	Aristides et al.			
		5,666,645	09/1997	Thomas			
		5,671,226	09/1997	Murakami et al.			
		5,675,390	10/1997	Schindler et al.			
HT		5,675,524	10/1997	Bernard			
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Examiner Initial*		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
HT		5,701,383	12/1997	Russo et al.			
		5,708,840	01/1998	Kikinis et al.			
		5,721,815	02/1998	Ottesen et al.			
		5,721,878	02/1998	Ottesen et al.			
		5,727,060	03/1998	Young			
		5,728,998	03/1998	Novis et al.			
		5,737,527	04/1998	Shiels et al.			
		5,751,883	05/1998	Ottesen et al.			
HT		5,752,244	05/1998	Rose et al.			
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation Yes No
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Examiner Initial*		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
HT		5,754,773	05/1998	Ozden			
		5,760,821	06/1998	Ellis et al.			
		5,767,893	06/1998	Chen et al.			
		5,767,896	06/1998	Nemirofsky			
		5,774,186	06/1998	Brodsky			
		5,710,605	01/1998	Nelson			
HT		Des 328,878	08/1997	Erlin			
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation Yes No
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Substitute for form 1449A/PTO

Complete if Known

Application Number	
Filing Date	24 February 2000
First Named Inventor	Reuven Wachtfogel et al.
Art Unit	2611
Examiner Name	Hai V. Tran
Attorney Docket Number	7251/78746A

(Use as many sheets as necessary)

Sheet	1	of	1
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁵
		Country Code ³ "Number" ⁴ "Kind Code" ⁵ (if known)				
HT	1	WO 00/04708	01/27/2000	United Video		
HT	2	WO 01/60064	08/16/2001	Koninklijke Philips		
HT	3	GB 2 343 075	04/26/2000	Sony UK Limited		

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Sheet

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Application Number	09/515.118
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Filing Date	24 February 2000
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First Named Inventor	Wachtfogel et al.
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Art Unit	2611
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Examiner Name	Hai V. Tran
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Attorney Docket Number	7251/78746
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Application Number	09/515,118
Filing Date	24 February 2000
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		Country Code ³ "Number" ⁴ "Kind Code" ⁵ (if known)				
HT	H	GB 2 348 530	04/10/2000	NDS Limited		
HT	I	WO 94/14284	06/23/1994	Discovery...		
HT	J	WO 03/069457	08/21/2003	Sonicblue, Inc.		
HT	K	WO 03/077112	09/18/2003	Predictive Networks		

Date
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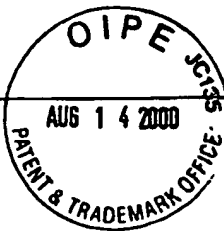
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Applicants
Wachtfogel, et al.,

Filing Date
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Group

U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
HT	A	5,986,692	11/16/1999	SYSTEMS AND METHODS FOR COMPUTER ENHANCED BROADCAST MONITORING			
HT		5,892,536	04/06/1999	SYSTEMS AND METHODS FOR COMPUTER ENHANCED BROADCAST MONITORING			
HT		5,371,551	12/06/1994	TIME DELAYED DIGITAL VIDEO SYSTEM USING CONCURRENT RECORDING AND PLAYBACK			

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							Yes	No

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Applicant
Wachfogetl, et.al.,

Technology Center 2600

Filing Date
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HT	A	5,578,257	05/1998	Herz, et.al.			
HT		5,664,948	09/1997	Dimitriadis, et.al.			

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HT		WO 97/17774	5/1997	PCT			Abs.	
HT		WO 98/37696	8/1998	PCT			Abs.	
HT		WO 98/28869	7/1998	PCT			Abs.	

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HT	A	5,235,643	08/10/1993	Anderson, et.al.			
HT		5,819,092	10/06/1998	Ferguson, et.al.,			

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HT		EP 0 847 156		Europe			Abs.	
HT		WO 99/45702	09/10/1999	PCT			Abs.	
HT		WO 99/43111	08/26/1999	PCT			Abs.	
HT		EP 0 680 214		Europe			Abs.	

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09/515,118

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Applicants
Wachtfoet, et al.,

Filing Date
February 28, 2001

Group
2713

U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
HT	A	5,578,257	05/1998	Herz, et al.			
HT		5,664,948	09/1997	Dimitriadis, et al.			

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
HT		WO 97/17774	5/1997	PCT			Abs.	
HT		WO 98/37696	8/1998	PCT			Abs.	
HT		WO 98/28869	7/1998	PCT			Abs.	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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/Hai Tran/ (08/07/2006)

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PTO/SB/08A & PTO/SB/08B (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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1024/2001 W&K Substitute for Form PTO-SB/08A, which is a US PTO
Substitute for form 1449A/PTO and 1449B/PTO**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 3

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Application Number	09/515,118
Filing Date	February 28, 2000
First Named Inventor	WACHFOGEL, et al.
Art Unit	2713
Examiner Name	
Attorney Docket Number	78746

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
HT		US-3,341,833	09/12/1967	Jones	
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HT		US-4,908,713	03/13/1990	Levine	
HT		US-4,963,886	10/16/1990	Duncan	
HT		US-4,963,994	10/16/1990	Levine	
HT		US-4,963,995	10/16/1990	Lang	
HT		US-4,977,455	12/11/1990	Young	
HT		US-4,991,033	02/05/1991	Takeshita	
HT		US-5,021,893	06/04/1991	Scheffler	
HT		US-5,038,211	08/06/1991	Hallenbeck	
HT		US-5,063,453	11/05/1991	Yoshimura, et al.	
HT		US-5,151,789	09/29/1992	Young	
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HT		US-5,479,302	12/26/1995	Haines	
HT		US-5,508,815	04/16/1996	Levine	
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HT		US-5,557,538	09/17/1996	Retter, et al.	
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Sheet 1 of 3

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Examiner Name	
Attorney Docket Number	78746

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		US-5,568,272	10/22/1996	Levine	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Filing Date	February 28, 2000
(use as many sheets as necessary)				First Named Inventor	WACHFOGEL, et al.
				Art Unit	2713
				Examiner Name	
Sheet	3	of	3	Attorney Docket Number	78746

[illegible]

Examiner Signature	/Hai Tran/ (08/07/2006)	Date Considered	
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Form PTO-1449 (Rev. 8-88)		U.S. Department of Commerce Patent and Trademark Office		Attorney Docket No. 7251/78746		Serial No. 09/515,118	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				Applicant Wachtfogel et al.		Group No. 2713	
				Filing Date 2 Feb. 2000			
U.S. PATENT DOCUMENTS							
Examiner Initial*		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
HT		4,930,158	29 May 1990	Vogel			
HT		5,701,383	23 Dec. 1997	Russo et al.			
RECEIVED DEC 02 2002 Technology Center 2400							
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation Yes No
HT		0 584 991 A2	2 Mar. 1994	EP			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
		Ceccarelli, M.P.; "Metadata for Broadcasting" (MPEG-7 Workshop, XP 002117667, 1998)					
Examiner	/Hai Tran/ (08/07/2006)			Date Considered 08/07/2006			
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				Filing Date 24 February 2000		Group No. 2713	
U.S. PATENT DOCUMENTS							
Examiner Initial*		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
HT		4,602,279	07/22/1986	Freeman			
HT		5,223,924	06/29/1993	Strubbe			
HT		5,353,121	10/04/1994	Young et al.			
HT		5,479,266	12/26/1995	Young et al.			
HT		5,479,268	12/26/1995	Young et al.			
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HT		5,550,576	08/27/1996	Klosterman			
HT		5,659,366	08/19/1997	Kerman			
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HT		5,717,923	02/10/1998	Dedrick			
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HT		5,737,029	04/07/1998	Ohkura et al.			
HT		5,793,438	08/11/1998	Bedard			
HT		5,801,747	09/01/1998	Bedard			
HT		5,867,799	02/02/1999	Lang et al.			
HT		5,940,073	08/17/1999	Klosterman et al.			
HT		5,945,988	08/31/1999	Williams et al.			
HT		5,973,683	10/26/1999	Cargun et al.			
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HT		5,991,735	11/23/1999	Gerace			
HT		6,020,883	02/01/2000	Herz et al.			
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HT		6,405,370 B1	06/11/2002	Jarrell			
HT		6,438,752 B1	08/20/2002	McClard			
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U.S. PATENT APPLICATION PUBLICATIONS							
Examiner Initial*		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
HT		2001/0007147 A1	5 Jul. 2001	Goldschmidt Iki et al.			
HT		2002/0053084 A1	2 May 2002	Escobar et al.			
HT		2002/0056098 A1	9 May 2002	White			
HT		2002/0059094 A1	16 May 2002	Hosea et al.			
HT		2002/0059606 A1	16 May 2002	Kikinis et al.			
HT		2002/0077880 A1	20 Jun. 2002	Gordon et al.			
HT		2002/0083468 A1	27 Jun. 2002	Dudkiewicz			
HT		2002/0087979 A1	4 Jul. 2002	Dudkiewicz et al.			
HT		2002/0087987 A1	4 Jul. 2002	Dudkiewicz et al.			
HT		2002/0097265 A1	25 Jul. 2002	Kurapati et al.			
HT		2002/0100046 A1	25 Jul. 2002	Dudkiewicz			
HT		2002/0104081 A1	1 Aug. 2002	Candelore et al.			
HT		2002/0104087 A1	1 Aug. 2002	Schaffer et al.			
HT		2002/0116710 A1	22 Aug. 2002	Schaffer et al.			
HT		2002/0120943 A1	29 Aug. 2002	Seto et al.			
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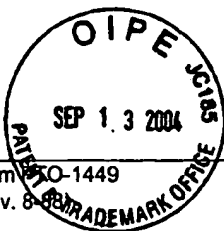
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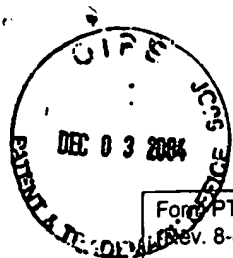
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INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				Applicant Wachtfogel et al.				
				Filing Date 24 February 2000		Group No. 2713		
FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
HT		WO 90/00847	01/25/1990	PCT				
HT		WO 91/07050	05/16/1991	PCT				
HT		WO 92/04801	03/19/1992	PCT				
HT		WO 95/31069	11/16/1995	PCT				
HT		WO 98/08192	02/26/1998	PCT				
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				Filing Date 24 February 2000		Group No. 2611		
U.S. PATENT DOCUMENTS								
Examiner Initial*		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
HT		5,621,456	15 Apr. 1997	Florin et al.				
FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
Examiner	/Hai Tran/ (08/07/2006)			Date Considered 08/07/2006				
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Patent and Trademark OfficeAttorney Docket No.
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(Use several sheets if necessary)Applicant
Wachtfogel et al.Filed:
24 February 2000Group No.
2611

U.S. PATENT DOCUMENTS

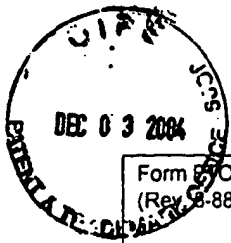
Examiner Initial*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
HT	4,107,734	15 Aug. 1978	Percy et al.			
HT	4,308,554	29 Dec. 1981	Percy et al.			
HT	4,677,466	30 Jun. 1987	Lert, Jr. et al.			
HT	4,745,468	17 May 1988	Von Kohorn			
HT	4,876,592	24 Oct. 1989	Von Kohorn			
HT	4,888,638	19 Dec. 1989	Bohn			
HT	4,905,080	27 Feb. 1990	Watanabe et al.			
HT	4,926,255	15 May 1990	Von Kohorn			
HT	5,034,807	23 Jul. 1991	Von Kohorn			
HT	5,057,915	15 Oct. 1991	Von Kohorn			

FOREIGN PATENT PUBLICATION

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
HT	GB 2192297 A	6 Jan. 1988	United Kingdom				
HT	EP 0967804 A2	29 Dec. 1999	European Patent				
HT	WO 96/15603	23 May 1996	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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Examiner Initial*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
HT	5,128,752	7 Jul. 1992	Von Kohorn			
HT	5,227,874	13 Jul. 1993	Von Kohorn			
HT	5,249,044	28 Sep. 1993	Von Kohorn			
HT	5,325,183	28 Jun. 1994	Rhee			
HT	5,373,440	13 Dec. 1994	Cohen et al.			
HT	5,412,416	2 May 1995	Nemirofsky			
HT	5,414,773	9 May 1995	Handelman			
HT	5,481,294	2 Jan. 1996	Thomas et al.			
HT	5,483,276	9 Jan. 1996	Brooks et al.			
HT	5,488,423	30 Jan. 1996	Walkingshaw et al.			

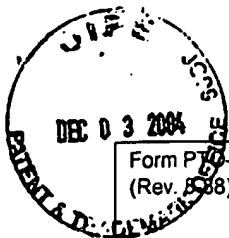
FOREIGN PATENT PUBLICATION

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HT	WO 97/02537	23 Jan. 1997	PCT				
HT	WO 97/12486	3 Apr. 1997	PCT				
HT	WO 97/20279	5 Jun. 1997	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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HT	5,504,519	2 Apr. 1996	Remillard			
HT	5,539,822	23 Jul. 1996	Lett			
HT	5,550,681	27 Aug. 1996	Mazarac			
HT	5,555,308	10 Sep. 1996	Levien			
HT	5,566,353	15 Oct. 1996	Cho et al.			
HT	5,619,250	8 Apr. 1997	McClellan et al.			
HT	5,640,192	17 Jun. 1997	Garfinkle			
HT	5,715,315	3 Feb. 1998	Handelman			
HT	5,759,101	2 Jun. 1998	Von Kohorn			
HT	5,761,601	2 Jun. 1998	Nemirofsky et al.			

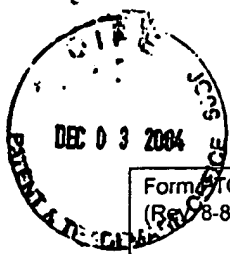
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HT	WO 99/01984	14 Jan. 1999	PCT				
HT	WO 00/01149	6 Jan. 2000	PCT				
HT	WO 01/52541 A1	19 Jul. 2001	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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Examiner Initial*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
HT	5,761,648	2 Jun. 1998	Golden et al.			
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HT	5,946,664	31 Aug. 1999	Ebisawa			
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HT	5,978,013	2 Nov. 1999	Jones et al.			
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HT	6,064,978	16 May 2000	Gardner et al.			
HT	6,070,145	30 May 2000	Pinsley et al.			
HT	6,075,971	13 Jun. 2000	Williams et al.			
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	Document Number	Date	Country	Class	Subclass	Translation	
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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		Filed: 24 February 2000	Group No. 2611

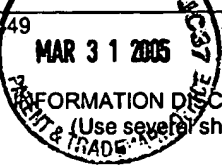
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Examiner Initial*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
HT	6,373,534 B1	16 Apr. 2002	Yasuki et al.				

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	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
HT	2001/0049820 A1	6 Dec. 2001	Barton				
HT	2002/0144262 A1	3 Oct. 2002	Plotnick et al.				
HT	2002/0176702 A1	28 Nov. 2002	Frantz				
HT	2003/0154128 A1	14 Aug. 2003	Liga et al.				
HT	2004/0103429 A1	27 May 2004	Carlucci et al.				

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	Document Number	Date	Country	Class	Subclass	Translation	
HT	WO 01/47279 A2	28 Jun. 2001	PCT			Yes	No
HT	WO 03/067394 A2	14 Aug. 2003	PCT				

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Examiner Initial*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
HT	2004/0028226 A1	12 Feb. 2004	Saar et al.				
HT	6,654,547 B1	25 Nov. 2003	Maeda et al.				

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	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	1 316 213 B1	3 Nov. 2004	EPO				X
	100 44 051 A1	14 Mar. 2002	Germany				X
HT	2001135023	18 May 2001	Japan			Abs	

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				Filing Date February 24, 2000		Group No. 2713	
U.S. PATENT DOCUMENTS							
Examiner Initial*		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
HT		5,561,543	10/1996	Ogawa, et.al.			
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation Yes No
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							

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				Filing Date February 24, 2000		Group No. 2713	
U.S. PATENT DOCUMENTS							
Examiner Initial*		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
HT		4,080,626	03/1978	Hurst et al.			
		4,272,787	06/1981	Michael et al.			
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		4,768,095	08/1988	Wada et al.			
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HT		5,038,211	09/1991	Hallenbeck			
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		Document Number	Date	Country	Class	Subclass	Translation Yes No
HT		2210526	06/1989	GB			
HT		96/33579	10/1996	WO			
HT		96/37058	11/1996	WO			
HT		97/27705	07/1997	WO			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
HT	Gilbert et al., <i>The Role of Intelligent Agents in the Information Infrastructure</i> www.raleigh.ibm.com/iagptc2.html						
	John Maissel, <i>Double Agent Infopack: A Collection of Papers Relating to Phillip's Double Agent System</i> , May 1998						
HT	Karin Petersen, <i>Tcl/Tk for a Personal Digital Assistant</i> , October 1994, Usenix, Very High Languages, Symposium Proceedings Mexico, pp41-55,						
	The Digital Audio-Visual Council, Bethesda, <i>Applications for Home Storage Based Systems</i> , May 11-13 1998, Source: Applications TC						
HT	Gessler et al., <i>PDAS as Mobile WWW Browsers, 1995, Computer Networks and ISDN Systems</i> , Vol. 28, pp53-59						
	Matsukura et al., <i>Multimedia Notebook: Information Capturing Technologies for Portable Computers</i> , October 1995, IEICE Trans Commun., Vol. E78-B. NO. 10, pp.1381-1385						
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U.S. PATENT DOCUMENTS							
Examiner Initial*		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
HT		5,046,093	09/1991	Wachob			
		5,189,517	02/1993	Ohara			
		5,191,423	03/1993	Yoshida			
		5,323,240	06/1994	Amano et al.			
		5,390,027	02/1995	Henmi et al.			
		5,396,545	03/1975	Nair et al.			
		5,410,326	04/1995	Goldstein			
HT		5,410,344	04/1995	Graves et al.			
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HT		97/29592	08/1997	WO			
		97/48230	12/1997	WO			
		97/50250	12/1997	WO			
		98/16062	04/1998	WO			
HT		99/03275	01/1999	WO			
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HT	HT	Kato et al., <i>A Portable Communication Terminal for Novices and its User Interface Software</i> , October 1995, IEICE Trans Commun., Vol. E78-B. NO. 10, pp.1387-1393					
	HT	Angus et al., <i>Embedding the Second Interaction Metaphor in a Real 3D Virtual Environment</i> , 1995, SPIE Vol. 2409 pp. 282-293					
HT	HT	Fah-Chun Cheong, <i>Internet Agents: Spiders, Wanderers, Brokers, 'Bots</i> , 1996, pp. 4-35, 387-390					
	HT	EJ Persoon, <i>Smash- A Concept for Advanced Use of Storage in the Home</i> , XP-002117666					
HT	HT	MP Ceccarelli, <i>Metadata for Broadcasting</i> , February 1998, MPEG-7 Workshop ACM9, Brussels					
	HT	IBM Corporation Home Page, <i>Intelligent Agents</i> , www.raleigh.ibm.com/iag/iaghome.html					
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HT		5,436,676	07/1995	Pint et al.			
		5,444,499	08/1995	Saitoh			
		5,446,488	09/1995	Vogel			
		5,465,113	11/1995	Gilboy			
		5,481,752	01/1996	Suzuki et al.			
		5,483,278	01/1996	Strubbe et al.			
		5,488,571	01/1996	Jacobs et al.			
		5,515,106	05/1996	Chaney et al.			
HT		5,517,187	05/1996	Bruwer et al.			
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
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(use as many sheets as necessary)			
Sheet	2	of	3

Complete if Known	
Application Number	09/515,118
Filing Date	February 28, 2000
First Named Inventor	WACHFOGEL, et al.
Art Unit	2713
Examiner Name	
Attorney Docket Number	78746

HT		US-5,717,814	02/10/1998	Abecassis	
HT		US-5,977,964	11/02/1999	Williams, et al.	
HT		US-6,324,338	11/27/2001	Wood, et al.	

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Examiner Signature	/Hai Tran/ (08/07/2006)	Date Considered	
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